Instruction Manual

500FS Series Cable Feeding Sheaves

This manual is free of charge. All personnel who use the Cable Feeding Sheave should have a copy of this instruction manual and read and understand its contents. To request a copy, call or write to the address below. All information, specifications and product designs may change due to design improvements or updates and are subject to change without notice. Current Tools does not assume any liability for damages resulting from misuse or incorrect application of its products.

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800.230.5421 or 864.721.4230 • FAX 864.721.4232
www.currenttools.com

Read and understand this material before using the Cable Feeding Sheave. Failure to understand how to safely use this unit may result in serious injury or death.

04/09 REV. 0
SAFETY ALERTS

Safety Alert Symbol

This SAFETY SYMBOL is used to call your attention to instructions that concern your personal safety. It means: ATTENTION! BE AWARE! THIS IS AN IMPORTANT SAFETY INSTRUCTION!

Read, understand, and follow these safety instructions. Failure to follow these safety instructions may result in injury or death.

DANGER

Immediate hazards which, if not avoided, WILL result in serious personal injury or death.

WARNING

Hazards or unsafe practices which, if not avoided, COULD result in serious personal injury or death.

CAUTION

Hazards or unsafe practices which, if not avoided, COULD result in minor personal injury or property damage.

RETAIN SAFETY INFORMATION

This instruction manual should be read and understood by all personnel who use the Cable Feeding Sheave. Failure to understand how to safely use this equipment could result in serious injury or death. This equipment should only be used by qualified personnel.

IMPORTANT SAFETY INFORMATION

WARNING

READ and understand instruction manual before use.

WARNING

NEVER stand in the direct line of the pull.

WARNING

ALWAYS ensure conduit is capable of supporting the maximum pulling load.

WARNING

NEVER exceed the maximum pulling load at the pull angle specified in the capacity table. Doing so may damage the cable and the feeding sheave.

WARNING

NEVER exceed the cable manufacturer’s specified pulling force or bend radius of the cable.

WARNING

ALWAYS match the feeding sheave with the corresponding conduit size.

WARNING

Only use this feeding sheave with Current Tools double braided cable pulling rope. NEVER use with steel cable.

APPLICATIONS

For above ground feeding of cable into conduit (See Figure 1) or for use in unoccupied manhole or vault (See Figure 2).

OPERATING INSTRUCTIONS

1. Slide the split tube portion of the feeding sheave frame into the conduit.

2. The split tube must be completely inserted into the conduit to avoid potential injury or damage to conduit.

3. The split tube allows for easy removal of the feeding sheave when the pull is complete.

FEEDING SHEAVE CAPACITY TABLE

<table>
<thead>
<tr>
<th>Pull Angle</th>
<th>520FS</th>
<th>525FS</th>
<th>530FS</th>
<th>535FS</th>
<th>540FS</th>
<th>550FS</th>
<th>560FS</th>
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<tbody>
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<td>1900 lbs</td>
<td>2050 lbs</td>
<td>2200 lbs</td>
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<td>1500 lbs</td>
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<td>1800 lbs</td>
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<td>1150 lbs</td>
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<tr>
<td>60°</td>
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<td>1000 lbs</td>
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<tr>
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<td>750 lbs</td>
<td>850 lbs</td>
<td>950 lbs</td>
<td>1050 lbs</td>
</tr>
<tr>
<td>90°</td>
<td>450 lbs</td>
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<td>650 lbs</td>
<td>750 lbs</td>
<td>850 lbs</td>
<td>950 lbs</td>
<td>1050 lbs</td>
</tr>
</tbody>
</table>

Model Number

Conduit Size

520FS

2-1/2" 3/4" 5/8" 7/8" 1" 1-1/8" 1-1/4" 1-1/8" 1-1/4" 1-1/2" 2" 2-1/2" 3" 3-1/2" 4" 5" 6"
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<td>1750 lbs</td>
<td>1900 lbs</td>
<td>1950 lbs</td>
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<td>2050 lbs</td>
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Figure 1

Figure 2

Figure 3
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